

MIXING CONTAINER AND FILLING DEVICE FOR CALCIUM PHOSPHATE CEMENT

00-05-76 05317334 JP NDN-190-0147-7621-4 Micropatent *Micropatent*

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PURPOSE: To mix a powder material and a hardening liquid via vibration and utilize a container as a filling device without shifting a mixture to another container by sealing the first opening at one end of the container main body with a cover member, and sealing the second opening at the other end storing an extruding member for extruding the mixture with a removable cover member.

CONSTITUTION: An opening 11a for discharging a calcium phosphate cement powder material and a hardening liquid is provided at the upper end section of a container main body 11 and sealed with a cover member 12, and an opening 11b storing an extruding member for discharging a mixture of the powder material and the hardening liquid from the opening 11a is provided at the lower end of the container main body 11 and sealed with a cover member 13. The powder material and the liquid are injected through the opening 11b, then the cover member 13 is screwed to the container main body 11. A mixing container 10 is vibrated, then the cover member 12 is faced downward to move the mixture to the cover member 12 side. The cover member 13 is removed, a cylinder 33 is screwed and fitted, an extruding bar 32 is inserted into the cylinder 33, the cover member 12 is removed, and the mixture is filled.

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